Jerome Grant
305-4391
CPK1-4048

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L2: Entry 62 of 64 File: DWPI May 21, 200

DERWENT-ACC-NO: 2002-688326
DERWENT-WEEK: 200274
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TITLE: Gateway system for recognizing image by web camera

Basic Abstract Text (2):
DETAILED DESCRIPTION - The system comprises steps of a user accessing a gateway server over an HTTP protocol(101), the gateway server transmitting a web camera image transmission program to a user terminal over an FTP protocol(201), the user downloading the web camera image transmission program at the terminal and automatically executing the program(103), the user taking an image of a specific object with a web camera connected to a PC, and the image transmission program transmitting the taken image to the gateway server over the FTP protocol(107), the gateway server processing the transmitted image, i.e. a threshold process in the case that the image is a bar code or a quantization process in the case that the image is a logo(203), the gateway server recognizing the processed image via a recognition algorithm and extracting a code(205, 207), and the gateway server making a query to a link data management database with the extracted code and extracting the link data corresponding to the code(209, 211).

PF Application Date (1):
20001114

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DERWENT-ACC-NO: **2002-688326**

DERWENT-WEEK: 200274

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TITLE: Gateway system for recognizing image by web camera

INVENTOR: KIM, J C

PATENT-ASSIGNEE: KIM J C[KIMJI]

PRIORITY-DATA: 2000KR-0067306 (November 14, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2002037394 A	May 21, 2002	N/A	001	G06F 017/00

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
KR2002037394A	N/A	2000KR-0067306	November 14, 2000

INT-CL (IPC): G06F017/00

ABSTRACTED-PUB-NO: KR2002037394A

BASIC-ABSTRACT:

NOVELTY - An image recognition gateway system is provided to enable a user to transmit an image of a bar code or a logo, taken by a web camera, to a gateway server over the internet, and to enable the gateway server to extract a code from the transmitted image and to offer a service corresponding to the extracted code.

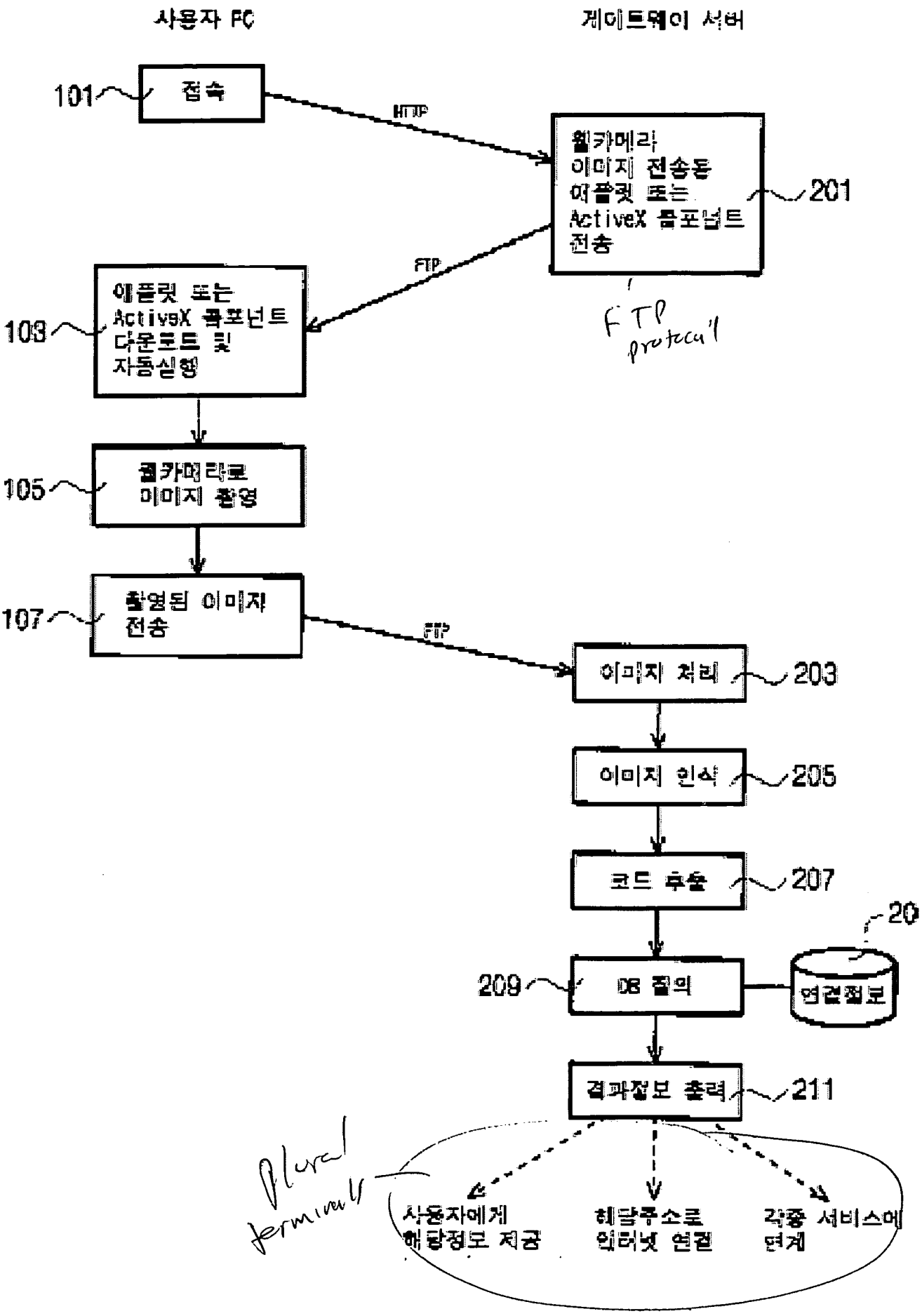
DETAILED DESCRIPTION - The system comprises steps of a user accessing a gateway server over an HTTP protocol(101), the gateway server transmitting a web camera image transmission program to a user terminal over an FTP protocol(201), the user downloading the web camera image transmission program at the terminal and automatically executing the program(103), the user taking an image of a specific object with a web camera connected to a PC, and the image transmission program transmitting the taken image to the gateway server over the FTP protocol(107), the gateway server processing the transmitted image, i.e. a threshold process in the case that the image is a bar code or a quantization process in the case that the image is a logo(203), the gateway server recognizing the processed image via a recognition algorithm and extracting a code(205, 207), and the gateway server making a query to a link data management database with the extracted code and extracting the link data corresponding to the code(209, 211).

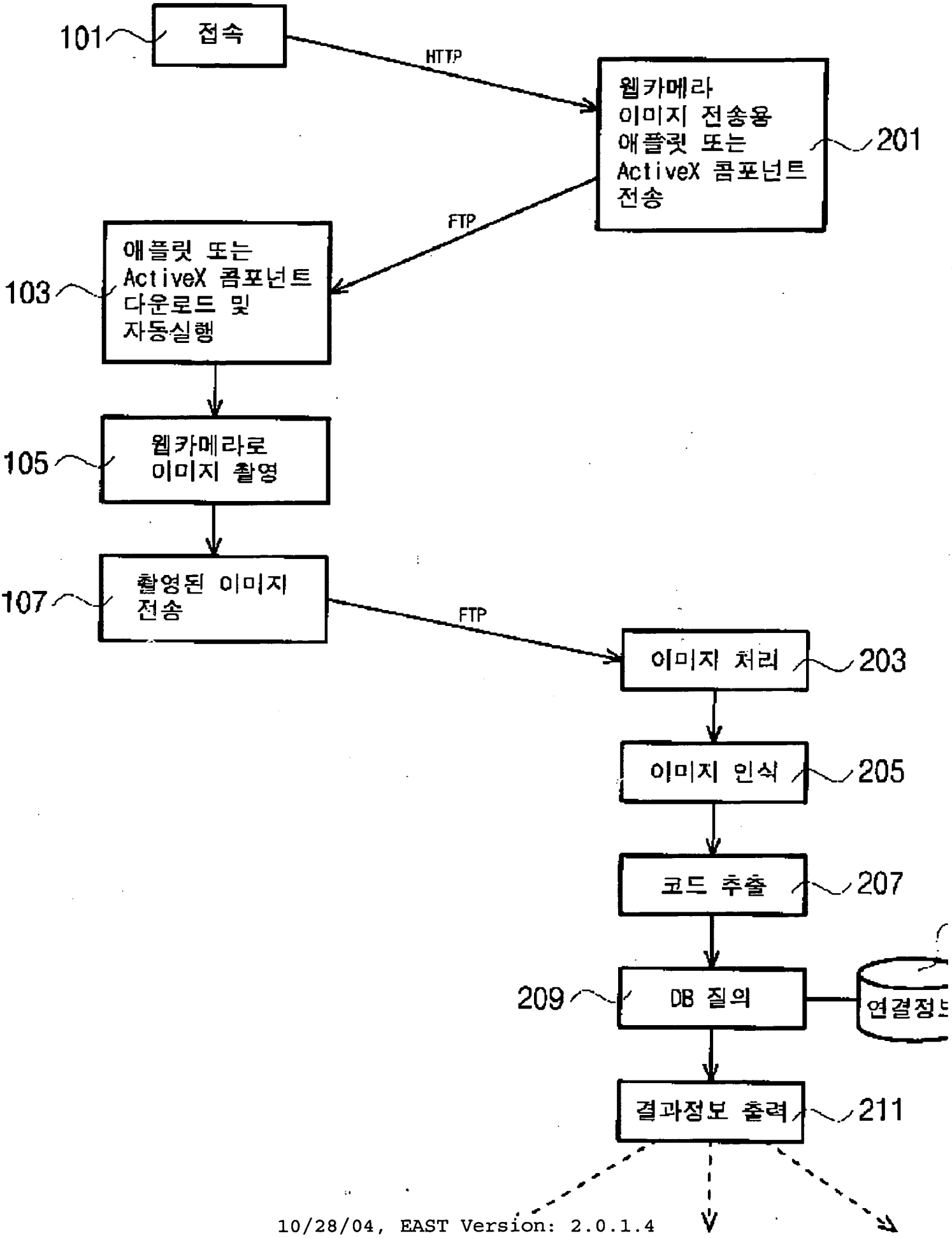
CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: GATEWAY SYSTEM RECOGNISE IMAGE WEB CAMERA

DERWENT-CLASS: T01

EPI-CODES: T01-J;


사용자 PC
게이트웨이 서버
101
접속
HTTP
웹카메라
이미지 전송용
애플릿 또는
ActiveX 콤포넌트
전송
201
FTP
103
애플릿 또는
ActiveX 콤포넌트
다운로드 및
자동실행
FTP
protocol
105
웹카메라로
이미지 촬영
107
촬영된 이미지
전송
FTP
이미지 처리
203
이미지 인식
205
코드 추출
207
20
209
DB 질의
연결정보
결과정보 출력
211
Plural
terminal
사용자에게
해당정보 제공
해당주소로
인터넷 연결
각종 서비스에
연계


101
접속
HTTP
웹카메라
이미지 전송용
애플릿 또는
ActiveX 콤포넌트
전송
201
FTP
103
애플릿 또는
ActiveX 콤포넌트
다운로드 및
자동실행
105
웹카메라로
이미지 촬영
107
촬영된 이미지
전송
FTP
이미지 처리
203
이미지 인식
205
코드 추출
207
209
DB 질의
연결정보
결과정보 출력
211

GATEWAY SYSTEM FOR RECOGNIZING IMAGE BY WEB CAMERA

Patent number:	KR2002037394
Publication date:	2002-05-21
Inventor:	KIM JIN CHEOL (KR)
Applicant:	KIM JIN CHEOL (KR)
Classification:	
- international:	G06F17/00
- european:	
Application number:	KR20000067306 20001114
Priority number(s):	KR20000067306 20001114

Abstract not available for KR2002037394

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